

Accreditation Certificate

Mercy University Hospital Ltd

Blood Transfusion Laboratory, Grenville Plc, Cork

Medical Testing Laboratory

Registration number: **297MT**

is accredited by the Irish National Accreditation Board (INAB) to undertake testing as detailed in the Schedule bearing the Registration Number detailed above, in compliance with the International Standard **ISO/IEC 15189:2007 2nd Edition**

"Medical laboratories - Particular requirements for quality and competence"

(This Certificate must be read in conjunction with the Annexed Schedule of Accreditation)

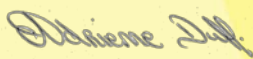
Date of award of accreditation: **06:12:2011**

Date of last renewal of accreditation: **06:12:2011**

Expiry date of this certificate of accreditation: **06:12:2016**

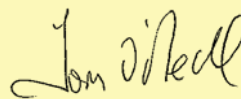
This Accreditation shall remain in force until further notice subject to continuing compliance with INAB accreditation criteria, ISO/IEC 15189 and any further requirements specified by the Irish National Accreditation Board.

Manager: _____



Dr Adrienne Duff

Chairperson: _____



Mr Tom O'Neill

Issued on 06 December 2011

Organisations are subject to annual surveillance and are re-assessed every five years. The renewal date on this Certificate confirms the latest date of renewal of accreditation. To confirm the validity of this Certificate, please contact the Irish National Accreditation Board.

The INAB is a signatory of the European co-operation for Accreditation (EA) Testing Multilateral Agreement (MLA) and the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement.

Schedule of Accreditation



(Annex to Accreditation Certificate)

Permanent Laboratory:
Category A

MERCY UNIVERSITY HOSPITAL LTD

Medical Testing Laboratory Department: Blood Bank

Initial Registration Date : 6-December-2011
Postal Address: MERCY UNIVERSITY HOSPITAL LTD
(Address of other locations as they apply) Blood Transfusion Laboratory,
Grenville Plc,
Cork
Telephone: +353 (21) 4271971
Fax: +353 (21) 4276341
E-mail: vosullivan@muh.ie
Contact Name: Valerie O'Sullivan
Facilities: Normally not available for public testing

Schedule of Accreditation



Permanent Laboratory:
 Category A

THE IRISH NATIONAL ACCREDITATION BOARD (INAB) is the Irish body for the accreditation of organisations including laboratories.

Laboratory accreditation is available to testing and calibration facilities operated by manufacturing organisations, government departments, educational institutions and commercial testing/calibration services. Indeed, any organisation involved in testing, measurement or calibration in any area of technology can seek accreditation for the work it is undertaking.

Each accredited laboratory has been assessed by skilled specialist assessors and found to meet criteria which are in compliance with ISO/IEC 17025 or ISO/IEC 15189 (medical laboratories). Frequent audits, together with periodic inter-laboratory test programmes, ensure that these standards of operation are maintained.

Testing and Calibration Categories:

- Category A:** Permanent laboratory calibration and testing where the laboratory is erected on a fixed location for a period expected to be greater than three years.
- Category B:** Site calibration and testing that is performed by staff sent out on site by a permanent laboratory that is accredited by the Irish National Accreditation Board.
- Category C:** Site calibration and testing that is performed in a site/mobile laboratory or by staff sent out by such a laboratory, the operation of which is the responsibility of a permanent laboratory accredited by the Irish National Accreditation Board.
- Category D:** Site calibration and testing that is performed on site by individuals and organisations that do not have a permanent calibration/testing laboratory. Testing may be performed using
- (a) portable test equipment
 - (b) a site laboratory
 - (c) a mobile laboratory or
 - (d) equipment from a mobile or site laboratory

Standard Specification or Test Procedure Used:

The standard specification or test procedure that is accredited is the issue that is current on the date of the most recent visit, unless otherwise stated.

Glossary of Terms

Facilities:

- Public calibration/testing service:** Commercial operations which actively seek work from others.
- Conditionally available for public calibration/testing:** Established for another primary purpose but, more commonly than not, is available for outside work.
- Normally not available for public calibration/testing:** Unavailable for public calibration/testing more often than not.

Laboratory users wishing to obtain assurance that calibration or test results are reliable and carried out to the Irish National Accreditation Board criteria should insist on receiving an accredited calibration certificate or test report. Users should contact the laboratory directly to ensure that this scope of accreditation is current. INAB will on request verify the status and scope.

Scope of Accreditation



Mercy University Hospital LTD
Medical Testing Laboratory

Permanent Laboratory:
 Category A

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
1020 Immunohaematology .01 Blood grouping including ABO, Rh(D)	ABO & Rh(D) typing Whole Blood	LP-BB-101 ABO and RhD grouping combined with reverse ABO grouping by Diamed Micro Typing Systems LP-BB-200, Procedure for performing ABO/RhD groups, Kell types, antibody screens and compatibility tests on the Autovue Innova LP-BB-116, ABO and RhD grouping by tube technique
.03 Blood group antibody screen	Antibody Screen, Plasma	LP-BB-103, Antibody Screening using the Diamed Micro Typing Systems LP-BB-200, Procedure for performing ABO/RhD groups, Kell types, antibody screens and compatibility tests on the Autovue Innova
.04 Identification of blood group antibodies	Antibody Identification, Plasma	LP-BB-104, Antibody Investigation

Scope of Accreditation



Mercy University Hospital LTD

Permanent Laboratory:

Medical Testing Laboratory

Category A

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
1020 Immunohaematology .05 Determination of compatibility of donor units using appropriate techniques including the investigation of transfusion reactions	Compatibility Testing (IAT) Plasma	LP-BB-110, Compatibility Testing, LP-BB-117, Transfusion Reaction Investigation
.06 Red cell phenotyping	Red Cell Phenotyping Red Cells	LP-BB-109, Antigen typing of donor units and patient samples
.99 Miscellaneous Tests Direct Antiglobulin Test (DAT) for detection of sensitized cells	Direct Coombs Test Red Cells	LP-BB-115, performing a DCT and investigation of a positive DCT

Note: Mercy University Hospital, Blood Transfusion Department, Grenville Plc, Cork has been assessed and is competent to comply with Articles 14 and 15 of the EU Directive 2002/98/EC (S.I. No 360 of 2005 and S.I. No 547 of 2006).